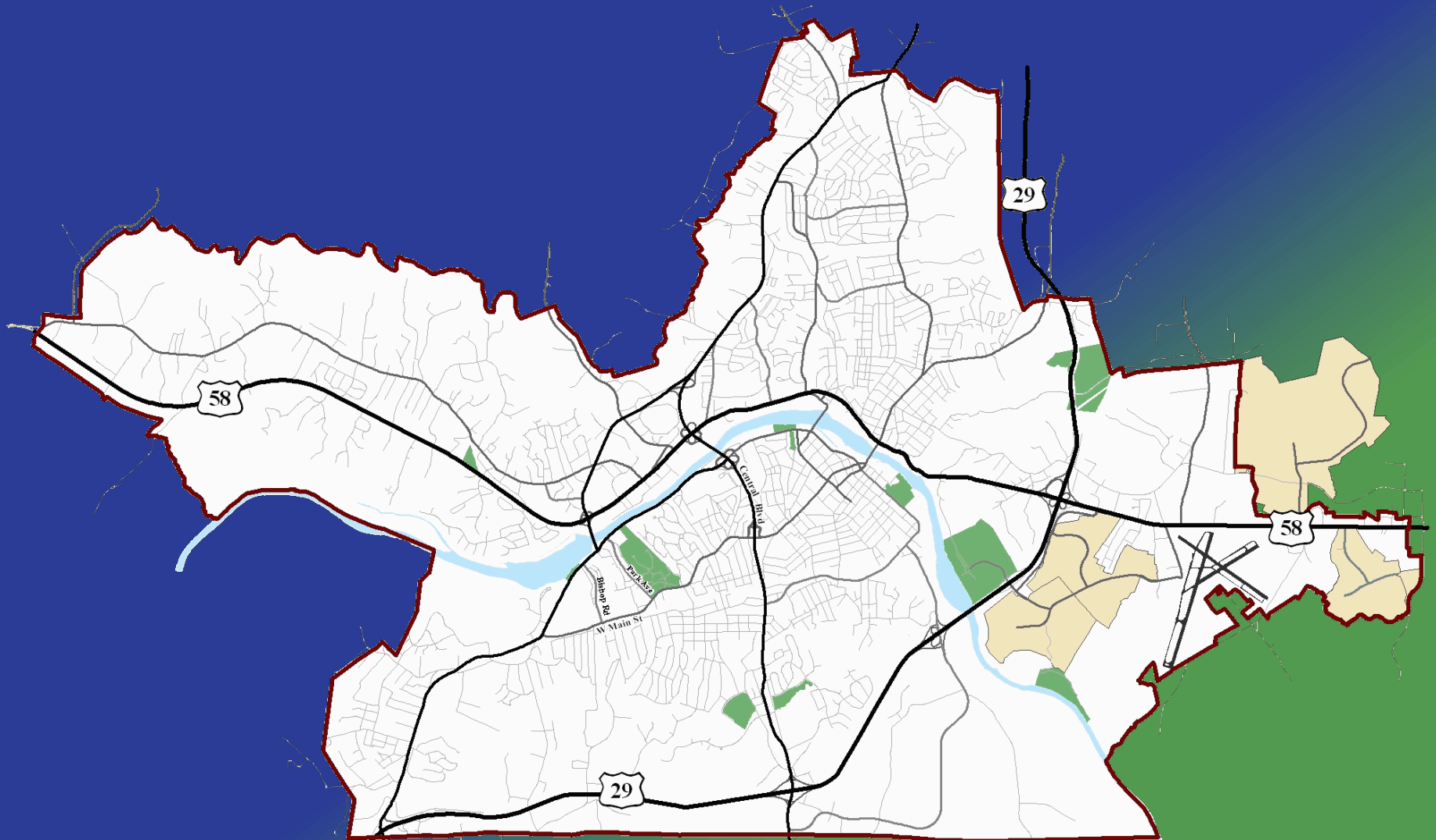




RFP 14/15-109

Street Light Inventory

(GPS Data Collection)





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Street Light Inventory (GPS Data Collection)

- Forty-three (43) square miles
- 318 miles of city maintained roads
 - 65 miles of state arterials
 - 253 miles of collectors and local roads
- Estimated 8,800 street lights within right-of-way





RFP 14/15-109
Street Light Inventory
(GPS Data Collection)

Danville GIS System

- Began in the mid 1990s
- Developed by a combination of in-house staff and consultant resources
- Currently utilizing ArcGIS 10.1
- Enterprise GIS ArcSDE Geodatabase
 - Over 15 Feature Datasets
 - Over 300 Feature Classes



RFP 14/15-109
Street Light Inventory
(GPS Data Collection)

Danville GIS System

- **In House GIS Programs**
 - “Danville Map”
 - Citiworks
- **Public Access GIS Websites** (<http://www.danville-va.gov>)
 - Parcel Viewer
 - myCommunity Map
 - Discover Danville Sites
 - Danville Community Crime Map



RFP 14/15-109

Street Light Inventory (GPS Data Collection)

Project Purpose

To obtain an accurate inventory of street lights located within the City right-of-way to verify street light payments to Danville Utilities

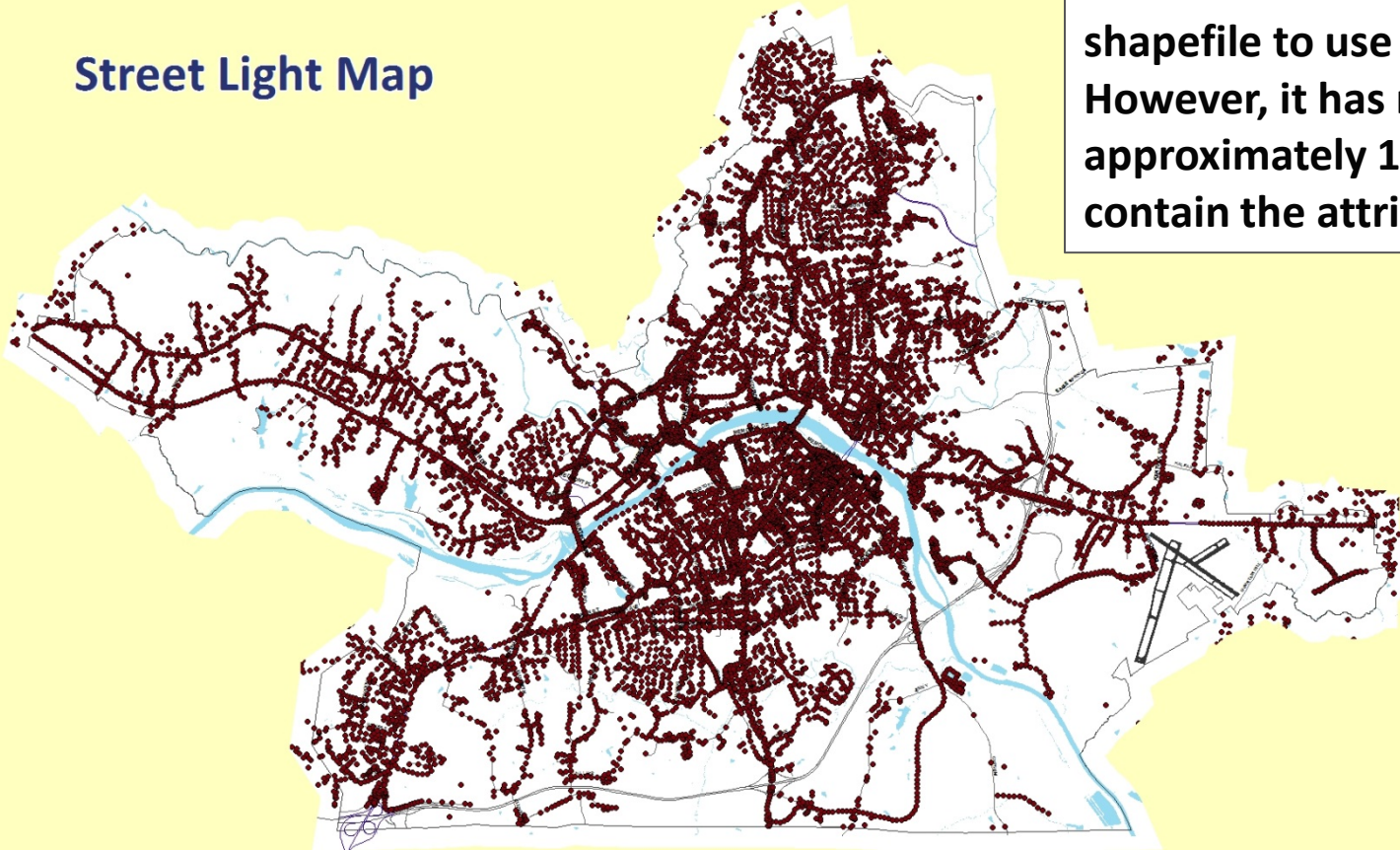




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Street Light Inventory (GPS Data Collection)

Street Light Map



- Survey grade is NOT required!
- We have an existing street light shapefile to use as a starting point. However, it has not been updated in approximately 15 years, nor does it contain the attributes we require.



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Street Light Inventory

(GPS Data Collection)

Sample Attribute Table

Pole ID Number		Wattage	
		100	100W
		150	150W
		175	175W
		250	250W
		400	400W
Type			
OL	Outdoor Light		
SL	Street Light		
Service		Mast Arm	
OH	Overhead	MA	SL Fixture with Mast Arm
UG	Underground	NO	pole top (SL and all OL)
Pole		Fixture	
EX	Existing Pole (no cost)	ST	Standard
WD	Wood Pole	PT	Pole top (SL only)
AL	Standard Aluminum (SL only)	SB	Sternberg (SL only)
DA	Decorative Aluminum (SL only)	CL	Colonial (OL only)
FB	Fiberglass	CT	Contemporary (OL only)
CL	Colonial Decorative Aluminum (OL only)	FL	Flood
CT	Contemporary Decorative Aluminum (OL only)		
Number of Lamps			Highlighted Blue - default
Lamp			
HPS	High Pressure Sodium		
MV	Mercury Vapor		
MH	Metal Halide		



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Street Light Inventory
(GPS Data Collection)

Final Deliverables

- Digital file in GIS format (Shapefile or file geodatabase)
- Metadata and related documentation to support methodology
- Monthly project status reports



RFP 14/15-109
Street Light Inventory
(GPS Data Collection)

Evaluation Procedure

- Overall Qualifications of the firm
- Prior Experience in GIS data collection
- Qualifications and experience of key personnel
- Overall structure and quality of the proposal
- Ability to provide services within project budget and timeframe.



RFP 14/15-109
Street Light Inventory
(GPS Data Collection)

Award Procedure

- Selection committee will select two or more firms.
- Selected firms shall present their proposal in an interview.
 - Non-binding fee may be requested
- Negotiations begin with first ranked team.
- Consultant to begin within 5 days of contract execution.